

Title (en)
Rail vehicle with an underframe

Title (de)
Schienenfahrzeug mit einem Untergestell

Title (fr)
Véhicule ferroviaire doté d'un châssis

Publication
EP 1832491 A3 20110323 (DE)

Application
EP 06125548 A 20061207

Priority
AT 3732006 A 20060306

Abstract (en)
[origin: EP1832491A2] The vehicle has an under frame with a cross beam (QET) for connecting sole bars (LAN``) with one another. One of the sole bars has a U-shaped section (PRO``) and a covering part (ABD``) for the opened side of the section. An opening of the U-shaped section is turned to an outer side of the vehicle. The covering part is arranged at the outer side of the vehicle. The sole bar has a reinforcement rib, which is arranged transverse to the longitudinal extension of the bar.

IPC 8 full level
B61D 17/04 (2006.01); **B61D 17/10** (2006.01); **B61F 1/08** (2006.01)

CPC (source: EP)
B61D 17/043 (2013.01); **B61D 17/10** (2013.01); **B61F 1/08** (2013.01)

Citation (search report)
• [X] US 5611285 A 19970318 - SAXTON GREGORY J [US]
• [XY] US 4703699 A 19871103 - HILL CHARLES C [US]
• [X] US 5170718 A 19921215 - HILL CHARLES C [US], et al
• [X] EP 0392828 A2 19901017 - HITACHI LTD [JP]
• [YA] US 4091742 A 19780530 - CORDANI EUGENE J

Cited by
DE102009050921A1; CN104071172A; RU207142U1; CN107054389A; AT509833B1; CN113386813A; CN103407455A; EP2853461A1;
US2022009529A1; EP2689986A4; US8695509B2; WO2018087025A1; WO2016091831A1; WO2011038751A1; US9233694B2; EP3950460A1;
FR3113275A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1832491 A2 20070912; EP 1832491 A3 20110323; AT 503255 A2 20070915; AT 503255 A3 20100515

DOCDB simple family (application)
EP 06125548 A 20061207; AT 3732006 A 20060306